

Save the Date

Call For Papers Opens 4 October 2022

Theme: Meeting the Energy Needs of a Dynamic World



JOIN US for the 2023 IEEE Power & Energy
Society General Meeting
Orlando, Florida | 16–20 July 2023

The 2023 IEEE Power & Energy Society General Meeting will be held 16–20 July 2023 in Orlando, Florida. This premier power engineering conference will bring together practicing power engineers and academics from all over the world. The aim of the conference is to provide an international forum for experts to promote, share, and discuss various issues and developments in the field of electrical power engineering.

The theme of the meeting is:

Meeting the Energy Needs of a Dynamic World

Papers are invited on all topics related to electric power and energy and especially for the Super Sessions topics with the following focus:

Transmission advancement for decarbonization

- How Transmission should evolve to support decarbonization
- Building out the transmission system to support renewable development
- Offshore Wind/Solar
- Energy Storage
- Integrating inverter-based resources into the BPS
- Responsibility for negative sequence injection (IEEE 2800)
- Need for the advancement of transmission planning

Communications & cyber security

- Communications infrastructure in support of the grid and IOT/development of the support grid
- Cyber security (related to the above topic)
- Challenges and opportunities for digital twin (IOT)/digitization

Novel approaches & emerging technologies to support system operation

- Tools for operating the new grid
- Physics-informed machine learning for power systems
- Move from SF6 to Vacuum tech
- Role of AI to prevent and maintain the dynamic security of the power system

Integration of DERs, EVs, and BTM resources

- Infrastructure support of distributed generation
- DER integration/EV charging/BTM impacts to system ops
- How Distribution should evolve to support decarbonization
- Energy storage
- Not all generation is created equal

2023 PES General Meeting Information for Paper Submission, Presentation & Publication



Conference Paper Submission Requirements

Papers (maximum length five (5) pages) must be prepared in accordance with the procedures outlined in the PES Authors Kit, available on the PES web site (home page ieee-pes.org) Full papers must be submitted to the on-line submission and review site (Papers identified as Part 1 and Part 2 papers will NOT be accepted). A link to the submission site will be available on the IEEE PES and IEEE PES General Meeting website home pages on 4 October 2022. All papers must be submitted by 8 November 2022. Authors will be advised via email of acceptance or rejection of the paper by 1–8 March 2023. If revisions are required, authors will be notified prior to that date. Up to approximately 800 out of the total number of conference papers submitted by the deadline will be accepted for presentation at the General Meeting.

Presentation of Conference Papers

The majority of accepted conference papers will be scheduled for presentation at the Monday evening poster session. Presentation of an accepted paper at the conference is a requirement of publication. Any paper that is not presented at the conference will not be included in IEEE Xplore.

Presentation of Select Conference Papers

The top 60 to 80 accepted conference papers will be selected to be presented in a Best Conference Paper Sessions on Monday afternoon. Author(s) will be allowed eight (8) minutes to present their paper and will be allowed to use a maximum of 6 PowerPoint slides, including the introductory slide. (Please note: No questions or discussion will immediately follow the presentations. The authors will be available for questions on their paper at the Monday evening poster session. Authors must prepare a poster for the session.) Authors will be notified if their papers are selected for this presentation. Up to 240 additional conference papers will be selected to be presented in Paper Forum Sessions on Tuesday through Thursday. Author(s) will be allowed four (4) minutes to present their paper and will be allowed to use a maximum of four (4) PowerPoint slides, including the introductory slide. A small poster session in the same room will immediately follow the presentations where the authors will be available for discussion on their paper. Authors must prepare a poster. Authors will be notified if their papers are selected for this presentation.

Prize Conference Paper

A few of the top 60 to 80 conference papers will be chosen and recognized as General Meeting Conference Prize Papers. These papers and authors will be identified at the Monday night poster session and the authors will receive a letter of recognition.

Transactions Paper Presentations

An author of an accepted PES Transactions paper who is interested in presenting it at the 2023 PES General Meeting must upload the full paper, in addition to the paper's abstract, to the on-line submission and review site by the deadlines listed above. The appropriate Technical Committee Program Chair (TCPC) will determine if the topic of the paper is suited for presentation in one of the technical sessions. The author will be notified of the decision by e-mail. No more than 200 transactions papers will be chosen for presentation at the General Meeting. (Please note: The author must follow the steps on the review site and upload the full paper in addition to the abstract. This is for the TCPC's use only. The full paper will not be published in the Conference Proceedings. Do not upload the full paper as its own submission. It must be uploaded along with the abstract so there will be only one conference paper number.) Accepted Transactions papers that will be presented at the 2023 PES General Meeting will have their abstracts published in the Conference Proceedings.

Conference Registration

At least one author of each accepted conference paper or Transactions paper for presentation must register for the meeting and pay the appropriate fee. Conference papers, or Transactions paper abstracts, will not be released for publication in the 2023 PES General Meeting Proceedings or scheduled for presentation unless the fee is paid. Note: Registration deadline for authors may be earlier than the general registration deadline. Additional information about the meeting will be posted as it becomes available on the conference web site at pes-gm.org.

Panel Sessions

Panelists will not be required to write summary papers to participate in panel sessions. Only PowerPoint (PPT) presentations are required; they must be on the PES PPT template. Information on submitting PowerPoint presentations and the PES PPT Template will be provided to panelists closer to the meeting.

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